| Electronic Patent Application Fee Transmittal |   |          |          |        |                         |  |  |
|---|---|----------|----------|--------|-------------------------|--|--|
| Application Number:                           | 10824402  |          |          |        |                         |  |  |
| Filing Date:                                  | 15-Apr-2004   |          |          |        |                         |  |  |
| Title of Invention:                           | RAMAN AMPLIFIER, OPTICAL REPEATER, AND RAMAN AMPLIFICATION METHOD |          |          |        |                         |  |  |
| First Named Inventor/Applicant Name:          | Youichi Akasaka   |          |          |        |                         |  |  |
| Filer:  | Marvin Jay Spivak/Mimi Chanthaphone                               |          |          |        |                         |  |  |
| Attorney Docket Number:                       | 250980US8DIV  |          |          |        |                         |  |  |
| Filed as Large Entity                         |   |          |          |        |                         |  |  |
| Utility under 35 USC 111(a) Filing Fees       |   |          |          |        |                         |  |  |
| Description                                   |   | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |
| Basic Filing:                                 |   |          |          |        |                         |  |  |
| Pages:  |   |          |          |        |                         |  |  |
| Claims:                                       |   |          |          |        |                         |  |  |
| Miscellaneous-Filing:                         |   |          |          |        |                         |  |  |
| Petition:                                     |   |          |          |        |                         |  |  |
| Patent-Appeals-and-Interference:              |   |          |          |        |                         |  |  |
| Post-Allowance-and-Post-Issuance:             |   |          |          |        |                         |  |  |
| Extension-of-Time:                            |   |          |          |        |                         |  |  |

| Description                       | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |
|-----------------------------------|----------|----------|--------|-------------------------|
| Miscellaneous:                    |          |          |        |                         |
| Printed copy of patent - no color | 8001     | 1        | 3      | 3                       |
|                                   | Tot      | 3        |        |                         |